

Former CES Facility
4904 Griggs Road
Houston TX, 77021

Forward Activities AST Containment Areas

The CES facility has 2 AST containment areas that have been used as dumping areas for debris, water, hydrocarbons and other associated materials. For the safe and timely removal of the contents of the ASTs contents to a disposal facility, these debris and impacts must be removed for the safe and timely removal.

Proposed activities:

- Removal of water from the containment areas and stored for future disposal
 - Before activities start both waste streams will have analytical testing for chemical impacts to determine compatibility with equipment and proper PPE choice
 - Physical hazards and chemical exposure during this activity will be minimized by using best practices and proper PPE
 - The trash pump use and other associated JSAs will be reviewed before activities start in the north containment
 - Vac-con and hose management JSAs will be reviewed before activities start in the south containment
 - A review of chemical impacts will be reviewed before activities start
 - Pump and hoses will be placed to minimized physical and chemical impact to workers and equipment
 - All hoses and pump will be flushed and exterior of hoses will be cleaned of all impacts
 - North pond will use a 2 inch trash pump into FT-5180
 - This water is assumed non-hazardous
 - This water is assumed to have no petrochemicals impacts
 - South pond will use vac-truck and vac-box for disposal
 - This water has hydrocarbon/petroleum impacts and must be shipped to a approved facility
- Removal of debris from containment areas
 - Physical hazards are the main concern of working in this area
 - Slips, trips and falls
 - Pinch points
 - Sharps and cuts
 - Chemical hazards
 - Containments are assumed to be nonhazardous
 - Level D PPE will be used with Tychem SL coveralls
 - Abrasion gloves over neoprene inner gloves will be used to protect the worker from unknown chemical exposure
 - Coveralls will be used to protect the worker from impacts of grim and dirt and possible chemical exposure in the containment area
 - Waterproof/chemical boots will be worn when inside the containment area to minimize exposure to mud or sludge in the containment area

- Debris consists of plastic buckets, wood, and other trash
- Two man teams will be used for the physical removal of the debris inside the containment area
- When material greater than 50 pounds are to be moved mechanical means may be used
- Material will be contained onsite in segregated areas in the waste water treatment building on poly sheeting to reduce possibility of cross contamination.